

Certificate Of Analysis

CAN OPENER METAL 175X60X40MM

Report number CY5654410-607185-1**Print date: 2019-08-13**

Applicant:	Koopman International
Country:	The Netherlands
Article description:	CAN OPENER METAL 175X60X40MM
Item number:	CY5654410
Order number:	607185
Date of article received:	augustus 01, 2019
Testing Completed:	augustus 13,2019
Order type:	Purchase Order
EAN code:	8719987480959

Conclusion:	Passed
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The test results only apply to the tested specimens

Signed for and on behalf of Koopman International B.V.

Koopman International BV has a verified Bureau Veritas procedure of Laboratory Testing and a Bureau Veritas verification of REACH compliance. The test itself and the associated report is reviewed by Koopman International BV.





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Summary of tested parts.

Part(s) description:

balk plastic

(The test results for the above part(s) are found at the next pages)



	Result	Units	Spec rule	Min	Max
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Part description: balk plastic

Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	10	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

Phthalates

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

DMP	0		Result <= MAX		1000000
DEP	0		Result <= MAX		1000000
DAP	0		Result <= MAX		1000000
DIBP	0		Result <= MAX		1000000
DBP	0		Result <= MAX		1000000
DMEP	0		Result <= MAX		1000000
DPP	0		Result <= MAX		1000000
DIPP	0		Result <= MAX		1000000
nPiPP	0		Result <= MAX		1000000
BBP	0		Result <= MAX		1000000
DHP	0		Result <= MAX		1000000
DEEP	0		Result <= MAX		1000000
DEHP	500	ppm	Result <= MAX		1000000
DIH _p P	0		Result <= MAX		1000000
DNOP	0		Result <= MAX		1000000
DINP	0		Result <= MAX		1000000
DIDP	0		Result <= MAX		1000000
DIH _x P	0		Result <= MAX		1000000
DHNUP	0		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
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PCN

according to: Regulation (EC) 850/2004 - Persistent Organic Pollutants (POP) - 2012 on PCN.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Halowax 1000 mono PCN	Not Detected		Result < MAX		0,1
Halowax 1000 di PCN	Not Detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not Detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not Detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not Detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not Detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not Detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not Detected		Result < MAX		0,1

PAH (18 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 2

Benzo a pyrene	Not Detected		Result <= MAX		0.5
Benzo a anthracene	Not Detected		Result <= MAX		0.5
Chrysene	Not Detected		Result <= MAX		0.5
Benzo b fluoranthene	Not Detected		Result <= MAX		0.5
Benzo k fluoranthene	Not Detected		Result <= MAX		0.5
Dibenz ah anthracene	Not Detected		Result <= MAX		0.5
Benzo j fluoranthene	Not Detected		Result <= MAX		0.5
Benzo e pyrene	Not Detected		Result <= MAX		0.5
Indeno 123cd pyrene	Not Detected		Result <= MAX		0.5
Benzo ghi perylene	Not Detected		Result <= MAX		0.5
Acenaphthylene	Not Detected		Result <= MAX		10
Acenaphthene	Not Detected		Result <= MAX		10
Fluorene	Not Detected		Result <= MAX		10
Phenanthrene	Not Detected		Result <= MAX		10
Anthracene	Not Detected		Result <= MAX		10
Fluoranthene	Not Detected		Result <= MAX		10
Pyrene	Not Detected		Result <= MAX		10
Naphthalene	Not Detected		Result <= MAX		2



	Result	Units	Spec rule	Min	Max
sum of 7 PAH	0	ppm	Result <= MAX		10
sum of 18 PAH	0	ppm	Result <= MAX		10
Anthracene oils and pastes	0	ppm	Result <= MAX		1000000
Coal tar	0	ppm	Result <= MAX		1000000

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

DMF (DIMETHYLFUMARATE)	Not Detected		Result < MAX		0.1
a BHC	Not Detected		Result < MAX		1.0
Hexachlorobenzene	Not Detected		Result < MAX		1.0
d BHC	Not Detected		Result < MAX		1.0
b BHC	Not Detected		Result < MAX		1.0
g BHC	Not Detected		Result < MAX		1.0
Heptachlor epoxide A	Not Detected		Result < MAX		1.0
Heptachlor epoxide B	Not Detected		Result < MAX		1.0
Heptachlor	Not Detected		Result < MAX		1.0
Aldrin	Not Detected		Result < MAX		1.0
Isodrin	Not Detected		Result < MAX		1.0
Endrin	Not Detected		Result < MAX		1.0
Endosulfan I	Not Detected		Result < MAX		1.0
Endosulfan II	Not Detected		Result < MAX		1.0
44 DDE	Not Detected		Result < MAX		1,0
Dieldrin	Not Detected		Result < MAX		1.0
44 DDD	Not Detected		Result < MAX		1,0
44 DDT	Not Detected		Result < MAX		1.0
Endosulfan Sulfate	Not Detected		Result < MAX		1,0
Methoxychlor	Not Detected		Result < MAX		1.0
Mirex	Not Detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not Detected		Result < MAX		1.0
Toxaphene	Not Detected		Result < MAX		1.0
Kepone	Not Detected		Result < MAX		1.0



	Result	Units	Spec rule	Min	Max
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PCB
 according to: POP COMMISSION REGULATION No EC 850/2004 & EU 1342/2014

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Chlorobiphenyl	Not Detected		Result <= MAX		1.0
Dichlorobiphenyl	Not Detected		Result <= MAX		1.0
Trichlorobiphenyl	Not Detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not Detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not Detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not Detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not Detected		Result <= MAX		1.0
Octachlorobiphenyl	Not Detected		Result <= MAX		1.0
Decachlorobiphenyl	Not Detected		Result <= MAX		1.0

Phenols
 according to: Reach 1907/2006 Annex XVII, entry 2,5,22,32-38,41,48,49,57 on Phenol content.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Octyl phenol	Not Detected		Result <= MAX		1000
Nonyl phenol	Not Detected		Result <= MAX		1000
Phenol, pentachloro- / PCP	Not Detected		Result <= MAX		5

SVHC
 according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

2 Methoxy ethanol	Not Detected		Result <= MAX		1000000
Methoxyacetic acid	Not Detected		Result <= MAX		1000000
1,2 Dichloroethane	Not Detected		Result <= MAX		1000000
N methylacetamide	Not Detected		Result <= MAX		1000000
NN dimethylformamide	Not Detected		Result <= MAX		1000000
Acrylamide	Not Detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not Detected		Result <= MAX		1000000
1 Bromopropane	Not Detected		Result <= MAX		1000000
1,2,3 Trichloropropane	Not Detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
Bis(2methoxyethyl)ether	Not Detected		Result <= MAX		1000000
1-methyl-2-pyrrolidinone	Not Detected		Result <= MAX		1000000
Trichloro ethene	Not Detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not Detected		Result <= MAX		1000000
TBTO	Not Detected		Result <= MAX		1000000
TCEP	Not Detected		Result <= MAX		1000000
DNT	Not Detected		Result <= MAX		1000000
DINOSEB	Not Detected		Result <= MAX		1000000
Nonyl Phenol	Not Detected		Result <= MAX		1000000
Musk Xylene	Not Detected		Result <= MAX		1000000
o Toluidine	Not Detected		Result <= MAX		1000000
44 MDA	Not Detected		Result <= MAX		1000000
4 Aminobiphenyl	Not Detected		Result <= MAX		1000000
p Cresidine	Not Detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not Detected		Result <= MAX		1000000
24 Diaminotoluene	Not Detected		Result <= MAX		1000000
Phenylazoaniline	Not Detected		Result <= MAX		1000000
44 Methylenedi o toluidine	Not Detected		Result <= MAX		1000000
44 Oxydianiline	Not Detected		Result <= MAX		1000000
o Aminoazotoluene	Not Detected		Result <= MAX		1000000
12 Cyclohexanedicarbolic anhydride	Not Detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not Detected		Result <= MAX		1000000
Phenolphtalein	Not Detected		Result <= MAX		1000000
Basic Violet 3	Not Detected		Result <= MAX		1000000
Victoria Blue 26	Not Detected		Result <= MAX		1000000
TEGDME	Not Detected		Result <= MAX		1000000
EGDME	Not Detected		Result <= MAX		1000000
Michlers ketone	Not Detected		Result <= MAX		1000000
Michlers base	Not Detected		Result <= MAX		1000000
TGIC	Not Detected		Result <= MAX		1000000
B-TGIC	Not Detected		Result <= MAX		1000000
Direct red 28	Not Detected		Result <= MAX		1000000
Direct black 38	Not Detected		Result <= MAX		1000000
Trixylyl phosphate	Not Detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
DBTDC	Not Detected		Result <= MAX		1000000
12 Diethoxyethane	Not Detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not Detected		Result <= MAX		1000000
UV-328	Not Detected		Result <= MAX		1000000
Uvazol 237	Not Detected		Result <= MAX		1000000
UV-350	Not Detected		Result <= MAX		1000000
HBCDD total	Not Detected		Result <= MAX		1000000
13 Propanesultone	Not Detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not Detected		Result <= MAX		1000000
HDDA	Not Detected		Result <= MAX		1000000
Nitrobenzene	Not Detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not Detected		Result <= MAX		1000000
Bisphenol A	Not Detected		Result <= MAX		1000000
4 Heptylphenol	Not Detected		Result <= MAX		1000000
4-tert-Amylphenol	Not Detected		Result <= MAX		1000000
4-n-Heptylphenol	Not Detected		Result <= MAX		1000000
Dechlorane Plus	Not Detected		Result <= MAX		1000000
Terphenyl hydrogenated	Not Detected		Result <= MAX		1000000
TMA	Not Detected		Result <= MAX		1000000
4MBC	Not Detected		Result <= MAX		1000000
3BC	Not Detected		Result <= MAX		1000000

Flame retardants (PBDE and PBB)

according to: Reach 1907/2006 Annex XVII & POP EC/850/2004, flame retardants content.

testing conditions: 111/54/CDV & IEC 62321

MonoBDE	Not Detected		Result <= MAX		1000
DiBDE	Not Detected		Result <= MAX		1000
TriBDE	Not Detected		Result <= MAX		1000
TetraBDE	Not Detected		Result <= MAX		10
PentaBDE	Not Detected		Result <= MAX		10
HexaBDE	Not Detected		Result <= MAX		10
HeptaBDE	Not Detected		Result <= MAX		10



	Result	Units	Spec rule	Min	Max
OctaBDE	Not Detected		Result <= MAX		1000
NonaBDE	Not Detected		Result <= MAX		1000
DecaBDE	Not Detected		Result <= MAX		1000
MONOBROMOBIPHENYL	Not Detected		Result < MAX		1
DIBROMOBIPHENYL	Not Detected		Result < MAX		1
TRIBROMOBIPHENYL	Not Detected		Result < MAX		1
TETRABROMOBIPHENYL	Not Detected		Result < MAX		1
PENTABROMOBIPHENYL	Not Detected		Result < MAX		1
HEXABROMOBIPHENYL	Not Detected		Result < MAX		1
HEPTABROMOBIPHENYL	Not Detected		Result < MAX		1
OCTABROMOBIPHENYL	Not Detected		Result < MAX		1
NONABROMOBIPHENYL	Not Detected		Result < MAX		1
DECABROMOBIPHENYL	Not Detected		Result < MAX		1
PBDE Total POP	0	ppm	Result <= MAX		500

*** END OF REPORT ***

